

JC20 Rec'd PCT/PTO 1 3 OCT 2005

<b>INFORMATION DISCLOSURE STATEMENT TRANSMITTAL</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><b>Application Number</b></td> <td><b>10/552970</b></td> </tr> <tr> <td><b>Filing Date</b></td> <td></td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>PETER A. CIRKEL</td> </tr> <tr> <td><b>Group Art Unit</b></td> <td></td> </tr> <tr> <td><b>Examiner Name</b></td> <td></td> </tr> <tr> <td><b>Atty. Docket Number</b></td> <td>NL030393US1</td> </tr> </table>	<b>Application Number</b>	<b>10/552970</b>	<b>Filing Date</b>		<b>First Named Inventor</b>	PETER A. CIRKEL	<b>Group Art Unit</b>		<b>Examiner Name</b>		<b>Atty. Docket Number</b>	NL030393US1
<b>Application Number</b>	<b>10/552970</b>												
<b>Filing Date</b>													
<b>First Named Inventor</b>	PETER A. CIRKEL												
<b>Group Art Unit</b>													
<b>Examiner Name</b>													
<b>Atty. Docket Number</b>	NL030393US1												

To Commissioner For Patents  
Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

☒ Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1. ☐ I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.

2. ☐ I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.

☐ A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.

☐ A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. \_\_\_\_\_ Filing Date \_\_\_\_\_ relied on for an earlier effective filing date under 35 U.S.C. 120).

☒ A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.

☐ A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

☐ cited in the specification or considered in drafting the specification of this application;

☐ previously submitted or cited in the parent application (or in a related patent application Serial No. \_\_\_\_\_ Filing Date: \_\_\_\_\_);

☐ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</b>	
<b>Name</b>	Kevin H. Fortin, Reg. No. 35,140
<b>Signature</b>	<span style="float: right;"><b>Date:</b> 10/13/05</span>

<b>CERTIFICATE OF EXPRESS MAILING</b>	
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, and is addressed to "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313," on the date indicated below.	
(Date) 10/13/05	(Signature) (Name) Daniel L. Michalek

# INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	10/552970
Filing Date	
First Named Inventor	PETER A. CIRKEL
Group Art Unit	
Examiner Name	
Atty. Docket Number	NL030393US1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2003/0043317	03-06-2003	CIRKEL ET AL	
		US- 2002/163601	11-07-2002	MIN KYOUNG IL ET AL	
		US-			
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>3</sup> -no.-kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		PATENT ABSTRACTS OF JAPAN, VOL 2003, NO. 02, 5 FEBRUARY 2003	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.